NexGen Energy Ltd.

COMPANY

NexGen Energy Ltd. is a Canadian based development company with a portfolio of highly prospective uranium properties in the southwestern Athabasca Basin, Saskatchewan, including the 100% owned Rook I Project, home of the Arrow Deposit (Arrow).

Arrow is the largest uranium development project in Canada and is capable of becoming the world's largest and lowest cost uranium mine that will be delivering outstanding long-term economic benefits. NexGen is currently focused on the optimal and sustainable development of the Rook I Project through the advancement of the Front-End Engineering Design (FEED), Environmental Assessment (EA) and Licensing, and through meaningful ongoing engagement with Indigenous communities.

Led by a highly experienced team of industry and uranium professionals with successful track records, the team at NexGen focuses on maximizing value to all stakeholders, leveraging our strong portfolio of projects to deliver generational benefits for Canada and the global environment.

Comprised of a dynamic entrepreneurial workforce that takes an agile and creative approach to a fluid business environment, NexGen's team is collectively committed to optimizing the development of the Rook I Project. A value driven company with a focus on **honesty, respect, resilience and accountability,** the NexGen team is committed to creating as much positivity as possible – socially, economically, and environmentally – for as many people as possible.

The Company's Operations office is in Saskatoon, Canada with a Corporate office in Vancouver, Canada. NexGen is triple listed on the Toronto Stock Exchange, New York Stock Exchange, and the Australian Stock Exchange.

ROLE

Project Metallurgist

NexGen Energy Ltd.

ROLE OVERVIEW

Reporting to the Director, Metallurgy and Process Engineering, the Project Metallurgist is responsible for coordinating technical engineering activities performed by consultants and 3rd party engineering contractors on behalf of NexGen. The Project Metallurgist will work collaboratively with the NexGen and EPCM team to ensure technical excellence is achieved.

The Project Metallurgist will functionally report to NexGen Engineering for functions of their work that pertain to the Rook I Project.

The Project Metallurgist will oversee and guide the development of process engineering deliverables ensuring they meet the project's scope and are delivered on schedule and budget. Such engineering deliverables included process plants, effluent treatment plants, acid plants, metallurgical and analytical laboratories, and related surface infrastructure.

The Project Metallurgist will coordinate in-house metallurgical test work performed by 3rd party laboratories and consultants to inform decisions of engineering design, fulfill requirements of environmental risk assessment and licensing.

The role requires the Project Metallurgist to develop solutions in areas of the above engineering deliverables across various systems, unit operations, and process equipment. In addition, the Project Metallurgist will liaise with other discipline leads to ensure the process intent of the plant is maintained throughout the design life.

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POSITION RESPONSIBILITIES:
(including but not limited to):

- Provide support to, and work collaboratively with other technical / business units on developing a thorough understanding of the project requirements and roadmaps related to scope, cost, and schedule.
- Participate in EPCM and vendor engineering activities, including technical reviews of drawings and documents (i.e., PFD and P&ID).
- Coordinate EPCM engineering activities of process plant, effluent treatment plant, acid plant, metallurgical and analytical laboratories, and related surface infrastructure.
- Participate and contribute as part of a multi-disciplinary team to perform engineering studies, trade-off studies, and cost analyses.
- Support the continual development of paste tailings recipes and related environmental monitoring programs.
- Ensure that licensing, EA, and all other permitting requirements are appropriately integrated into the engineering workflows, collaborating with the EA/Licensing teams where required.
- Work collaboratively with the project leadership team to incorporate operational readiness consideration into the design and engineering deliverables.
- Participate in necessary engineering and design workshops (i.e., HAZOPs, HAZIDs, etc.) throughout the project phase.
- Manage NexGen consultant activity including cost and schedule controls.
- Coordinate and guides the development of process engineering deliverables and tasks including test work, design basis, design criteria, mass and energy balance, capacity studies, trade-off studies, engineering and equipment calculations, piping and instrumentations diagrams, process control logic, and operating and capital cost estimates.
- Facilitate bringing all required technical expertise to the design to ensure design quality objectives are achieved and the process solution must deliver as per client requirements. Utilize specialist expertise as required.
- Performs most assignments independently. Receives technical guidance from the Director on unusual or complex problems and supervisory approval on proposed plans for projects.

EDUCATION AND EXPERIENCE

- Bachelor's Degree in Chemical, Hydrometallurgical Engineering.
- 10+ years of operation experience preferred in the uranium mining sector.
- Good understanding of mass/energy balance; process & instrumentation control.
- Experience in metallurgical testwork development and execution.
- Experience in budget planning and project execution.

CORE COMPETENCIES

Communication

- Communicates in an open candid and consistent manner with impact to inform, enroll, coach and inspire.
- Effectively builds rapport and appropriately delivers information (oral and written) in a timely, well organized, thoughtful and engaging manner.

Team Effectiveness

- Works collaboratively across functional teams, embracing unique talents and diverse perspectives, to achieve common goals.
- Takes a proactive approach to building relationships by actively participating as a prepared team member, demonstrating flexibility and respect for different work styles.

Work Management

- Plans, manages, and follows through to ensure the flow and timely completion of activities to deliver successful work results.
- Maintains quality and safety standards to ensure NexGen's Elite Standards are met across all work streams.
- Demonstrates flexibility and adaptability.

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Personal Accountability

- Takes responsibility for own actions and outcomes.
- Maintains effective and professional approach, demonstrating resilience and accountability in a fluid fast paced work environment.

Analytical/Critical Thinking

- Able to identify, articulate and problem solve for complex situations with consideration for outcomes.
- Provides clear and informative explanations to support effective decisions in line with company objectives.
- Uses creative, conceptual, and/or inductive reasoning.

Functional & Technical Skills

- Applies specialized knowledge in own area of expertise and openly shares information and knowledge with others.

LOCATION

This position will be primarily based in the Saskatoon office and will require frequent travel to the Rook I Project site.

HOW TO APPLY

To apply, please submit your cover letter and resume by email to hr@nxe-energy.ca.

Please include Project Metallurgist in the subject line.

We thank all applicants for their interest and effort in applying for the position. Candidates selected for interviews will be contacted.

We are an equal opportunity employer.